



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Atsushi TAKAURA, et al.

SERIAL NO: 10/771,523

GAU:

FILED: February 5, 2004

EXAMINER:

FOR: PROJECTION OPTICAL SYSTEM, MAGNIFICATION PROJECTION OPTICAL SYSTEM, MAGNIFICATION PROJECTION APPARATUS, AND IMAGE PROJECTION APPARATUS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☐ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☒ Attached is a list of applicant's application(s) or issued patent(s) which may be related to the present application. A copy of the claims and drawings of the application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
248509US2SERIAL NO.  
10/771,523

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Atsushi TAKAURA, et al.FILING DATE  
February 5, 2004

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2002/0176255 A1	11/28/02	Yamauchi, et al. Appl. No.: 10/125,493 Filed: 4/19/02			
	AB	2002/0003755 A1	1/10/02	Fujita, et al. Appl. No.: 09/897,668 Filed: 7/2/01			
	AC	6,545,803 B1	4/8/03	Sakuma, et al.			
	AD	6,292,305 B1	9/18/01	Sakuma, et al.			
	AE	5,606,181	2/25/97	Sakuma, et al.			
	AF	5,128,795	7/7/92	Endou, et al.			
	AG	4,953,171	8/28/90	Nakajima, et al.			
	AH	4,932,734	6/12/90	Sakuma, et al.			
	AI	5,107,477	4/21/92	Fujita, et al.			
	AJ	5,097,462	3/17/92	Fujita, et al.			
	AK	5,060,212	10/22/91	Fujita, et al.			
	AL	4,756,585	7/12/88	Kaneko, et al.			
	AM	4,627,685	12/9/86	Sakuma			
	AN	4,586,782	5/6/86	Sakuma, et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO					
	AP					
	AQ					
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
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	AY	
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☐ Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 248509US2		SERIAL NO. 10/771,523	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Atsushi TAKAURA, et al.			
				FILING DATE February 5, 2004		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	4,436,407	3/13/84	Satomi, et al.			
	AB	4,154,500	5/15/79	Funato, et al.			
	AC	3,982,116	09/21/76	Sakuma			
	AD	4,571,035	2/18/86	Sakuma			
	AE	4,707,085	11/17/87	Takanashi, et al.			
	AF	4,712,884	12/15/87	Sakuma, et al.			
	AG	4,770,517	9/13/88	Sakuma			
	AH	4,758,059	7/19/88	Sakuma			
	AI	4,695,132	9/22/87	Sakuma			
	AJ	4,943,128	7/24/90	Takada, et al.			
	AK	4,935,911	6/19/90	Ohuchida, et al.			
	AL	4,934,772	6/19/90	Sakuma, et al.			
	AM	5,005,928	4/9/91	Suzuki, et al.			
	AN	4,955,682	9/11/90	Yamaguchi, et al.			
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				FILING DATE <b>February 5, 2004</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,155,616	10/13/92	Yamaguchi, et al.			
	AB	5,604,606	2/18/97	Miyashita, et al.			
	AC	5,170,278	12/8/92	Wada, et al.			
	AD	5,157,534	10/20/92	Endou, et al.			
	AE	5,233,454	8/3/93	Sakuma, et al.			
	AF	5,233,455	8/3/93	Yamaguchi, et al.			
	AG	5,373,390	12/13/94	Sakuma			
	AH	5,408,095	4/18/95	Atsuumi, et al.			
	AI	5,426,298	6/20/95	Sakuma, et al.			
	AJ	5,666,220	9/9/97	Sakuma			
	AK	5,729,349	3/17/98	Tomita, et al.			
	AL	5,907,438	5/25/99	Fujita, et al.			
	AM	5,970,034	10/19/99	Sakuma, et al.			
	AN	5,852,499	12/22/98	Tomita, et al.			
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				FILING DATE <b>February 5, 2004</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,177,667 B1	1/23/01	Fujita, et al.			
	AB	6,181,473	1/30/01	Fujita, et al.			
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	AN						
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**LIST OF RELATED CASES**

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
PER CLIENT	10/125,493	04/19/02	YAMAUCHI et al.
PER CLIENT	09/897,668	07/02/01	FUJITA et al.
PER CLIENT	6,545,803	04/08/03	SAKUMA et al.
PER CLIENT	6,292,305	09/18/01	SAKUMA et al.
PER CLIENT	5,606,181	02/25/97	SAKUMA et al.
PER CLIENT <sup>#</sup>	08/429,070	04/26/95	UNKNOWN
PER CLIENT <sup>#</sup>	08/429,077	04/26/95	UNKNOWN
PER CLIENT <sup>#</sup>	07/947,180	09/18/92	UNKNOWN
PER CLIENT	5,128,795	07/07/92	ENDOY et al.
PER CLIENT	4,953,171	08/28/90	NAKAJIMA et al.
PER CLIENT	4,932,734	06/12/90	SAKUMA et al.
PER CLIENT	5,107,477	04/21/92	FUJITA et al.
PER CLIENT	5,097,462	03/17/92	FUJITA et al.
PER CLIENT	5,060,212	10/22/91	FUJITA et al.
PER CLIENT	4,756,585	07/12/88	KANEKO et al.
PER CLIENT <sup>#</sup>	06/791,759	10/28/85	UNKNOWN
PER CLIENT	4,627,685	12/09/86	SAKUMA
PER CLIENT	4,586,782	05/06/86	SAKUMA et al.
PER CLIENT	4,436,407	03/13/84	SATOMI et al.
PER CLIENT	4,154,500	05/15/79	FUNATO et al.

\*Present Application; listed for information

# Abandoned Application

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PER CLIENT	3,982,116	09/21/76	SAKUMA
0557-0086-1	4,571,035	02/18/86	SAKUMA
0557-0247-2	4,707,085	11/17/87	TAKANASHI et al.
0557-0249-2	4,712,884	12/15/87	SAKUMA et al.
0557-0339-2	4,770,517	09/13/88	SAKUMA
0557-0340-2	4,758,059	07/19/88	SAKUMA
0557-0384-2	4,695,132	09/22/87	SAKUMA
0557-0708-2	4,943,128	07/24/90	TAKADA et al.
0557-0857-2	4,935,911	06/19/90	OHUCHIDA et al.
0557-0986-2	4,934,772	06/19/90	SAKUMA et al.
0557-2050-2	5,005,928	04/09/91	SUZUKI et al.
0557-2066-2	4,955,682	09/11/90	YAMAGUCHI et al.
0557-2335-3 <sup>#</sup>	07/553,644	07/18/90	UNKNOWN
0557-2335-3 FWC	5,155,616	10/13/92	YAMAGUCHI et al.
0557-2592-3 <sup>#</sup>	07/726,220	07/05/91	UNKNOWN
0557-2592-3 FWC	5,604,606	02/18/97	MIYASHITA et al.
0557-2602-2	5,170,278	12/08/92	WADA et al.
0557-2660-3	5,157,534	10/20/92	ENDO et al.
0557-2739-2	5,233,454	08/03/93	SAKUMA et al.
0557-2830-3 DIV	5,233,455	08/03/93	YAMAGUCHI et al.
0557-2877-2	5,373,390	12/13/94	SAKUMA
0557-2975-3 <sup>#</sup>	08/031,299	03/12/93	SAKUMA et al.
0557-3053-3	5,408,095	04/18/95	ATSUUMI et al.
0557-3164-3 CIP	5,426,298	06/20/95	SAKUMA et al.

\*Present Application; listed for information

# Abandoned Application

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0557-3402-3 <sup>#</sup>	08/360,048	12/20/94	UNKNOWN
0557-3402-3 FWC	5,666,220	09/09/97	SAKUMA
0557-3764-3	5,729,349	03/17/98	TOMITA et al.
0557-4037-2	5,907,438	05/25/99	FUJITA et al.
0557-4046-2	5,970,034	10/19/99	SAKUMA et al.
0557-4182-3 CONT	5,852,499	12/22/98	TOMITA et al.
0557-4445-2	6,177,667	01/23/01	FUJITA et al.
0557-4547-2	6,181,473	01/30/01	FUJITA et al.
232205US2	10/328,006	12/26/02	FUJITA et al.
234369US2	10/370,737	02/24/03	MIYAGAKI et al.
248509US2*	10/771,523	02/05/04	TAKAURA et al.

\*Present Application; listed for information

# Abandoned Application

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